

W6OTXPAARA NEWSLETTER
VOLUME 54, NUMBER 5, May 2005**K6YQT**

PAARAgraphs

Celebrating 68 years as an *active* ham radio club—*Since 1937*
The Palo Alto Amateur Radio Association, Inc.

CALENDAR

May..... 6 **PAARA Meeting**
7:30-9:30
Menlo Park Rec Center
700 Alma Street
Menlo Park, CA 94025

May..... 11 **PAARA Board Meeting**
7:30pm

Red Cross Bld., 400 Mitchell Lane Palo Alto

(due to Parking Lot problems location may change, check net before Bd. meeting)

June..... 3 **PAARA Meeting, 7:30pm**

June..... 8 **PAARA Board Meeting, 7:30pm**



PRESIDENT'S CORNER

May is upon us already ! This is the month that we will sponsor the Saturday morning electronics flea market at De Anza College. As most of the membership

is aware, this function is one of the major fund raising events of the year for PAARA. Therefore, please consider coming early to assist with parking monitors; parking lot security; food and beverage vending and general flea market assistance & administration. PAARA Treasurer **Ron Chester, W6AZ** will be checking in the registrants and collecting the fees. Please be on site no later than 5:30 AM for the initial set up. The event will be over at noon sharp. See you there !! Contact **Howard Takaoka, KG6GRO** for assignments that morning.

Next month, (June) will be the annual Field Day event which will be held again inside the Bayfront Park recreation area at the end of Marsh Road, just east of Highway 101 in Menlo Park. We will be operating four HF stations and one GOTO (get on the air) station, so any club member can gain experience with this exciting, high energy type of communication. It takes many PAARA volunteers, working together, to make this three day exercise a success. Please contact **Gerry Tucker, N6NV** or **Ron Chester, W6AZ** to select a time frame to work as a radio operator or a contest logger and **Kathy Erken** at 650-222-6500 to help with the food.

Your humble PAARA President has been invited to meet **Riley Hollingsworth** of the FCC Enforcement Branch in the Gettysburg FCC offices this month. This will occur during a regular investigative business trip to the area on an unrelated matter and will include a complete tour of those facilities.

~73: Terry Finn. AF6TF

NEXT MEETING

May 6, 2005

Speaker:

Neil Hays, W6FOG

“Amateur Radio at Sea”

Neil, **W6FOG** will share with us his fascinating ham radio operations on the high seas, operating maritime mobile from his 32-foot Westsail 42 Cutter, with 11 Icom radios and a good dozen antennas, ranging from inverted Vees to 1.2GHz and 2.4GHz antennas on a rotator at the top of the mast.

Neil has operated just about every ham band and mode while underway, including HF, (160m with a full-size antenna using a kite and a towed kayak!), packet, VHF, UHF, microwave, satellite, and APRS. He will also share with us a nifty trick using a 2-million candlepower spotlight to find his position anywhere on the high seas.

This summer, Neil will set sail for the Caribbean in this amazing floating ham shack, to begin a 30-island DXpedition that he has been planning since he was 15. Don't miss this chance to learn about what surely will become a famous trip, and find out how you might be able to participate!

First licensed in 1959 at the tender age of 9, Neil served 2 years in Vietnam as an Army MARS officer, where he handled about 38,000 phone patch calls, and also provided MARSgrams over packet during the first Gulf War.

~Peter, K6WEB

PAARA Web/WAP site

<http://paara.org/>

Miscellaneous Info

VE Exams, 3rd Saturday each month, 10:30AM, 145.23- PL=100Hz
 Redwood City Main Library, Community Conference Room
 1044 Middlefield Road, Redwood City, CA
 contact: <http://amateur-radio.org/> or Al, WB6IMX@att.net

ELECTRONICS FLEA MARKET

Sponsorship by A.S.V.A.R.O.
 (Association of Silicon Valley Amateur Radio Organizations)
 Second Saturday of month, March-October, 6am-2pm
 Howard M. Krawetz, N6HM 650-856-9761
 Host: *Closed until Spring.*
 Contact: <http://www.electronicfleamarket.com/>

LARK Swap meet

LosPositas College, Livermore, 1st Sunday each month.
 Contact: Cliff Kibbe (209) 835 6715 or Eliot Ross (925) 606 7710
<http://www.livermoreark.org/swap/swap.html>

PAARA Palo Alto Amateur Radio Association
 meets 1st Friday 7:30pm each month, Net 145.230 each Monday 8:30,
 contact: <http://PAARA.org/> or Terry Finn, AF6TF, 650-366-9111

FARS Foothills Amateur Radio Society

meets 4th Friday 7:30pm each month
 contact: <http://www.fars.k6ya.org/>

NCDXC Northern California DX Club

meets 2nd Friday 7:30pm each month,
 repeater for member info 147.360, Thur 8:00PM
 contact: <http://ncdxc.org/> or Mike Gavin W6WZ, (650) 851 8699

NorCalQRP Northern California QRP Club

meets 1st Sunday each month
 contact: <http://www.norcalqrp.org/>

SPECS Southern Peninsula Emergency Communication System

meets each Monday 8:00pm on Net 145.27, 440.80 MHz
 contact: <http://specsnet.org/> or Tom Cascone, KF6LWZ, 650-688-0441

SCARES South County Amateur Radio Emergency Service

meets 3rd Thursday 7:30pm each month, San Carlos City Hall.
 Net is on 146.445 [PL 114.8] & 444.50 (PL-100) 7:30 Monday evenings.
 contact: <http://k6mpn.org/>

SCCARA Santa Clara County Amateur Radio Association

Operates W6UU & W6UUR, repeater 146.985-pl
 Nets: 2m, 7:30pm Mon; 70cm, 442.425+ (pl 107.2) Thur.
 meets 2nd Mon each month @ 7:30 PM.
 contact: <http://www.qsl.net/sccara/> or Clark Murphy KE6KXO 408-262-9334
 ARRL VEC license testing contact 408-507-4698

SVECS Silicon Valley Emergency Communications

Operates AA6BT repeater (146.115 MHz+)
 contact: <http://www.svecs.net/> or Lou Stierer WA6QYS 408 241 7999

WVARA West Valley Amateur Radio Association

operates W6PIY repeater 147.39+, 223.96, 441.875, 1286.2
 WVARA now has a 6m repeater, linked to 440 and 1.2ghz
 meets 3rd Wed every month.
 contact: <http://wvara.org/>, Bill Ashby N6FFC, 408-267-3118, N6FFC@Juno.com, or
 N6FFC@ARRL.NET

DISASTER SERVICES

American Red Cross, PALO ALTO AREA CHAPTER

400 Mitchell Lane
 Meets 3rd Wed. each month 7:30PM
 HF, packet, BBS, ATV, OSCAR Gateway, NASA satellite.
 contact: <http://paarc.org/> or Mac Millian 650-688-0423. MACM@paarc.org

American Red Cross, SANTA CLARA VALLEY CHAPTER

contact: <http://santaclaravalley.redcross.org/> or Scott Hensley KB6UOO, (408) 967 7924
fhensley@Novell.com

(please send changes to PAARAgaphs editor: k6uro@arrl.net)

PAARAgaphs E-mail address: k6uro@arrl.net

Submit material for PAARAgaphs by the 15th

Text: WORD, MS Publisher, RTF, or ASCII

Photos: JPEG, PNG, or TIFF raster images

Diagrams and ads: AI, EMF, or EPS vector files

PAARA Web/WAP site: www.paara.org

Palo Alto Amateur Radio Association, Inc.

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af6tf@arrl.net
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n6nu@arrl.net
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n6nfi@arrl.net
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kd6kyl@arrl.net
 Director ('06) Kristen McIntyre, K6WX 650-366-9111
k6wx@arrl.net

See the calendar for Board meeting times. **Visitors are welcome.**

Appointed Positions

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ab6so@smrn.com
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dteter@wewi.com
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 Ticket Master Kyle Rice, KG6MSK
 Ticket Master Assistant Ian Brune, K6IAN
 Field Day Coordinator Gerry Tucker, N6NV
 ASVARO Rep Howard Takaoka, KG6GRO 650-856-9761
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Good Old Stuff Andy Korsak, KR6DD
kr6dd@arrl.net

The Satellite Beacon Emily Clarke, W0EEC
w0eec@arrl.net

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PAARA HONORS

KRISTEN MCINTYRE. K6WX

by Terry Finn AF6TF

"Gentlemen, Start your engines" !!

I had the opportunity recently to spend some quality time with a really neat, intelligent and great looking woman who just happens to be one of our own PAARA members. She is clearly a shining star in the world of amateur radio communications, our hobby and our radio club. Allow me to take some of your valuable time and describe this incredibly talented, friendly and helpful person.

(Writers note: To our lady readers and members, please note that it is true. I am a male chauvinist and it may be reflected in my writing style, so please forgive me.)

Kristen Alison McIntyre was born on November 24, 1958 in Queens, New York. She is a happy, healthy, well educated and employed California lady who just happens to have a passion for most things electronic and ham radio specifically. She would make a good catch for the lucky, smart, man who realizes that she is a keeper.

Kristen's father was Journal McIntyre, originally from Bushkill Falls, Pennsylvania. He was self employed and worked in the plastics industry before it became a well known business. He designed, built and serviced the machinery that actually formed the plastic products. Most of his business activities were in the Brooklyn, New York area. He also served as a part time (reserve) police officer in Long Island, New York, where he would keep in touch with his family via CB radio when he was on duty. Journal McIntyre passed away in 1998.

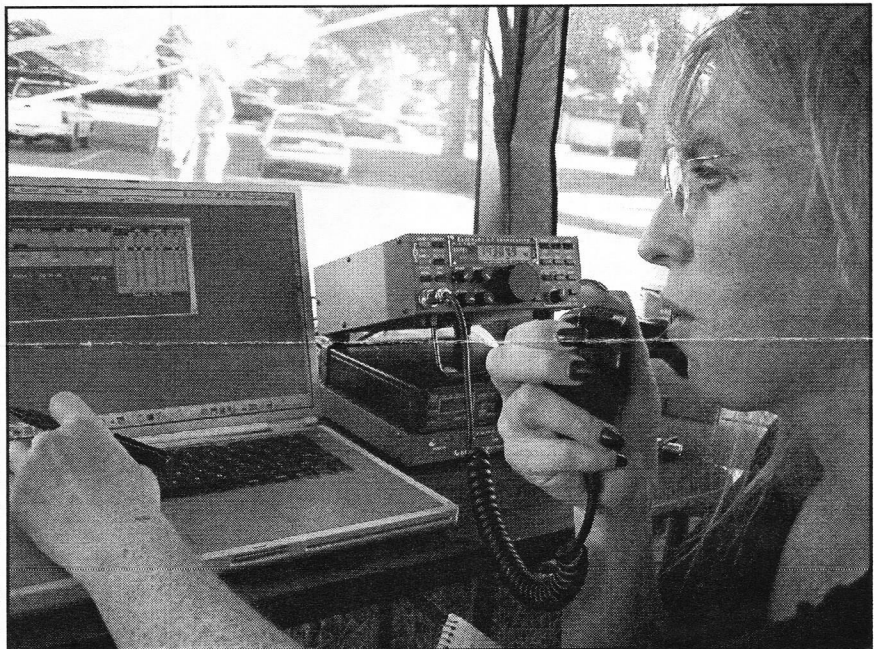
Kristen's mother is Harriet McIntyre who now resides in Fort Myers, Florida. She was a homemaker when her daughters were raised. However she had been an executive secretary and actually returned to that occupation when her girls were in high school. She loves to visit with her daughter from California who makes the annual trip for rest and relaxation.

Kristen's sister is Cindy Geiger who now resides in Port Murray, New Jersey. She too was born in Queens, New York and is a homemaker with a husband and three children.

Kristen grew up in Uniondale, New York on Long Island where she entered kindergarten at age four. The family moved to Tabor City, North Carolina for one year when Kristen was attending grade eight in junior high school. This was a tobacco town, so Kristen learned to crop to-

bacco there, which is picking or removing the leaves from the plant. The next year, the family moved to Budd Lake, New Jersey where Kristen graduated from West Morris - Mount Olive High School in 1976.

Kristen's mom Harriet, claims that Kristen had an interest in electronics as early as age four and that she had wanted to attend MIT since she was in elementary school. Kristen was always busy building stereo amplifiers and other electronic equipment at home. At one point, she came into possession of some TV station surplus equipment which she was able to repair and actually get to work properly. As a matter of fact, during high school, Kristen would repair television sets for extra spending money. She can remember making a calculator from a kit and building a color television set during those times as well. She used the TV as her own personal set during the high school years.



Kristen did not work at summer jobs during high school, however she did read voraciously, especially electronics, electronic design and ham radio books. She also became rather interested in automobiles during these high school years and was proficient at servicing and repairing engines and drive trains on the vehicles that she had access to then. All the while she built experimental electronic projects and really enjoyed the learning experience.

In 1976, at 17 years of age, Kristen moved to Cambridge, across the river from Boston and was admitted to the Massachusetts Institute of Technology. She lived on campus the first few years in the student dormitories before living in a Boston apartment. During her time at school she earned her amateur radio operators license and was issued call sign N1AYY which would be described today as a technician plus license (with cw privileges). She actually built an amateur repeater with an autopatch so she could

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chat with her mother while out and about using an HT. This was a low power repeater and she created the controller from CMOS logic. Even today, Kristen has a soft spot for repeaters and states that some day when she has any spare time, she just may very well put together another one. Kristen concentrated on analog circuit design while attending MIT and graduated with a Bachelor of Science degree in electrical engineering and computer science in 1980. It should be noted that MIT requires a thesis for the BSc candidates, which is not required at most other Universities. The title of her thesis was: "Designing Power Amplifiers Using MOSFET'S".

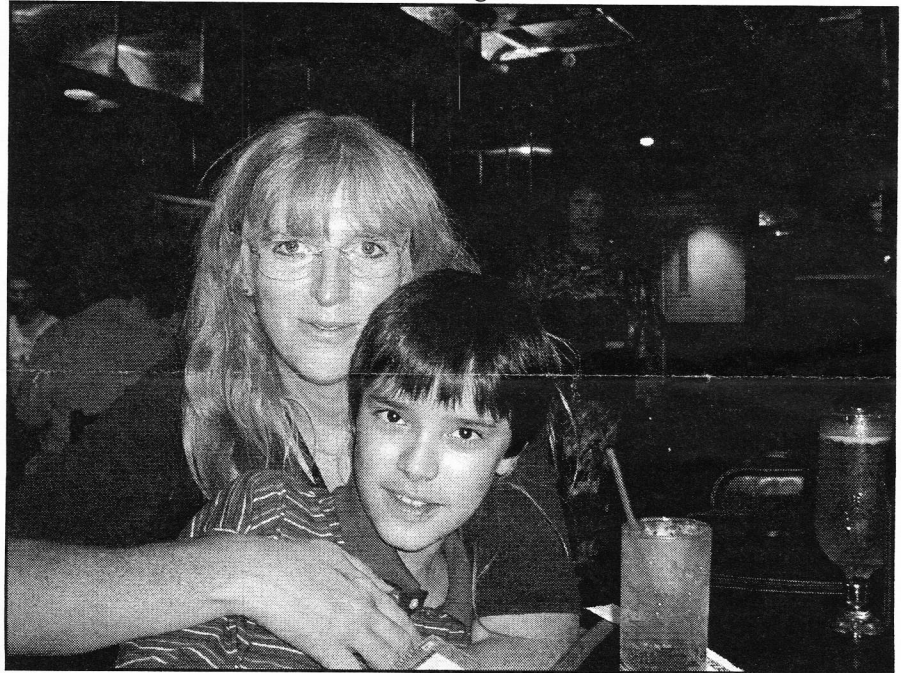
During this period of time, while attending MIT, Kristen had turbo charged a 1965 Dodge Dart as part of an MIT research project. This was the machine that she drove out west to California in to take a job designing circuits. She was basically hired on the spot at MIT during an interview before graduation. Most of the research and electronic industry growth appeared to be happening in northern California, so Kristen thought that was the best bet for a career choice at that time. Her new job in the San Jose area was designing circuits like precision power supplies. One of her creations was a system for testing specific electronic equipment that needed to be installed in Japan on the manufacturing floor of Hitachi. Therefore, Kristen was selected to be the on site engineer and was sent to Japan in the spring of 1982 at age 22.

Kristen was only in Japan that time about two weeks, however she fell in love with the place. Upon her return to California, the employer offered her a chance to return to Japan to handle yet another electronic design assignment and live in Shinjuka, a ward or section of Tokyo. She was basically a consultant for Hitachi and designed circuits and wrote software. Kristen lived there for one and one half years, spending much of her time listening and learning the complicated language and culture. She purchased a Honda CBX 400F motorcycle and toured most of northern Japan during her time away from work. She returned to the greater Bay Area in February of 1984.

Later that year, Kristen negotiated yet another employment contract, this time with a Boston based company that returned her to Japan in February 1985. She was responsible for putting together a complete engineering group and became the key circuit designer and software writer for the electronics industry in Japan. She was able to take a one month intensive Japanese language course and became fluent in the new language. Kristen became so good at speaking and listening that she was actually able to fool

people on the telephone into believing that she was a native Japanese citizen. Kristen maintains this unique ability and continues to keep up her expertise with practice. So, go ahead and speak Japanese with her if you have the ability and skill.

In September of 1985, Kristen married a Japanese National who worked on the financial side of the electronics industry. She describes this as, "the worst mistake that I ever made". In January of 1988, Kristen and her husband moved back to the Bay Area and she took a job with a Fremont based company that manufactured electronic test equipment. In November of that year, she took a position with Adobe Systems, Inc., and worked there as a software engineer until September of 1992. She then became an independent consultant as a software engineer who could write code and design circuits for all sorts of clients.



A wonderful thing happened to Kristen in August of 1992, when her son Christopher was born. This young man now has earned his ham radio license and holds call sign: **KG6SVI**, which he earned at the VE session offered at Pacificon 2003, at age 11. Many PAARA members have met Christopher at Field Day and other events.

In 1994, Kristen started up an ISP, known as Zoom.com (she has customized license plates reflecting this name). She was divorced in 1995 and closed down the business in 1997. In July 1999, Kristen took a job at Sun Microsystems Laboratory in Mountain View. She still works at Sun, now as the senior staff engineer in the Menlo Park campus.

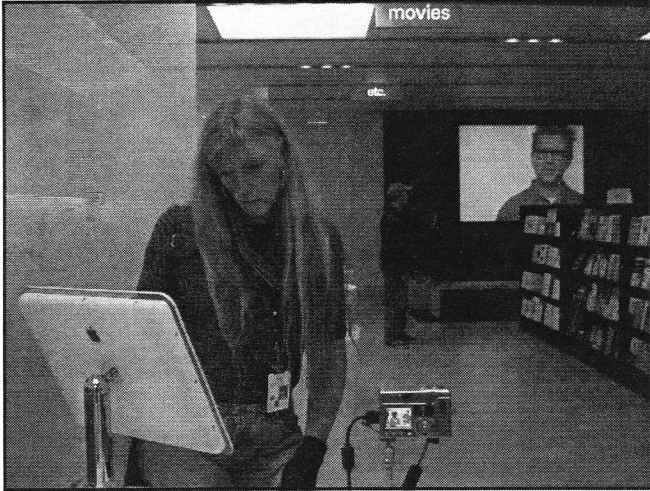
During the fall of 2002, Kristen became interested in ham radio again and actually purchased an HT from e-bay before she checked on the status of her amateur license, which she found had expired. So, in December 2002, Kristen took and passed the technician test and code test and was awarded call sign: **KG6OGQ**. It should be noted that

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she had a perfect score on the CW portion of the test. Her General class test and Extra class test went well too, so she was issued Extra class call sign: **AE6KJ**. However, in January of 2003, she was able to obtain her current call sign of **K6WX** with a little help from some friends like **Mike Gavin, W6WZ**.



Kristen joined PAARA in February of 2003 and currently serves on the Board of Directors. She is also a member of ARRL; YLRL; South Bay ARA; FISTS and is the official ARRL Coordinator for the East Bay Section. (she used to be the ARRL Technical Specialist for the East Bay Section). She is a fully qualified VE and volunteers her time for the Sunnyvale VEC as an examiner and she is the net control operator for the 9AM talk net on many mornings.

Kristen owns and operates an Elecraft K2 with the 100 watt option that she built and another Elecraft KX-1 for QRP that she also built. She uses a Heathkit SB200 amplifier and a homebrew helically wound vertical dipole made of water pipe at the home station. She has a Yaesu FT-100 in her Dodge Viper and a Kenwood D-700 in her Dodge Stealth. Her favorite mode is CW on 40 meters where she usually carries on at about 20 to 22 WPM. I am told that she will be one of the HF station captains at the PAARA

Field Day exercise this year, so you may be able to see her in action or possibly even work as an official logger at that station.

Through interviews with others over the past few months, this writer has learned that Kristen was responsible for designing and partially building a touch switch for **Pat, KB6HZM**, who has difficulty moving his hands to control the radio. PAARA members **Dave, KE6PFF** and **Steve, KV6O** were responsible for building the device and assisting Kristen with installing yet another unique control at Pat's home in Redwood City. They used a parabolic microphone above Pat's bed and interfaced it with the radio for ease of use. They are currently working on a magic box that would allow Pat to have access to his HF radio as well. Thank you so much. This is what ham radio is about. Kristen has made a number of J-pole antenna's for friends and new hams and has assisted in the diagnosis and repair of various troubled radio equipment belonging to members of PAARA. She is quoted as saying: "The people in ham radio are incredible. It is a significant thing in my life. I have made tremendous friendships. It is like an extended family."

Through investigation, we have determined that the current boyfriend of record at this time is one **David Unger, W6DH**, yet another PAARA member. Although he has been unavailable for comment, we have learned that he actually interviewed Kristen for her original job at Sun Microsystems and recommended her for the position. Apparently, some sources have indicated that he has been chasing her ever since, without much luck, I am told. Kristen did admit however, during the interrogation session, that she does maintain "an intellectual relationship with a twisted sense of humor" on an on going basis with this DH person. Needless to say, we will all have to keep an eye on this fellow and make sure he does not slow Kristen down or impede any of the really good work she is doing in the amateur radio community.

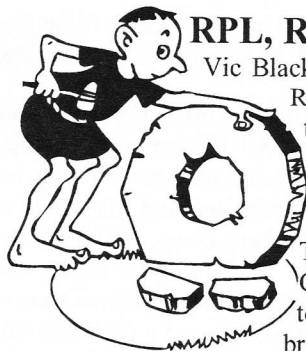
Please say hello to Kristen and Christopher when you see them at the PAARA meetings or events.

We are very proud to have you as a PAARA member and a friend.

~ Terry Finn. AF6TF



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RPL, Radio over Power Line

Vic Black's April Fool's article on RPL, Radio over Power Line, brought to mind a related, but true experience. Back in the 50's, I was studying Electrical Engineering at Illinois Institute of Technology on the south side of Chicago. A group of us decided to build a radio station for the broadcast band to cover campus events, keep people up to date on the news, and have fun. A lot of surplus WW2 gear was available inexpensively, so we got an ARC-5 transmitter that covered near the AM broadcast band and modified it to the frequency we wanted. We then added a Heathkit audio amplifier as a modulator, and viola! We had the transmitter we wanted. We added a turntable to spin records, a good quality microphone and we were ready to go on the air.... except we did not have a broadcast license.

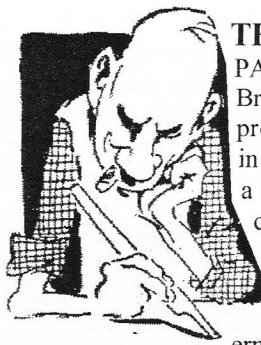
We had heard that during the war, hams were banned from transmitting on the air, yet they wanted to communicate. To communicate, they fed the RF into the power line. The RF didn't go that far, but it did facilitate communications with nearby hams. So, we decided to try that approach. We ran a long coaxial line from the transmitter RF output to a nearby power pole and capacitively coupled into the power line. Radio station WIIT was on the air!

As Andy's BPL sniffing group verified, signals fed into power lines can be picked up in nearby mobiles. So, we were on air on the AM broadcast band in the campus dorms and for cars driving around the campus. This type of operation is known as "carrier current" transmissions. It turns out that many college campuses have their own carrier current radio stations. As with any authorized group on campus, we had a faculty advisor who was a young EE professor who lived on the north side of Chicago.

After many months of successful operation and having built up a good listening audience on campus, one of the engineering types in our group decided to see what would happen if he removed the ground from the coaxial cable feeding the RF into the power line. We found out! Boy, did we find out! Our faculty advisor was listening to the station after class that day as he drove from Chicago's south side to his home on Chicago's north side, some 20 miles away. As he pulled into his driveway, he realized that he was still listening to WIIT! The signal was supposed to have been confined to campus, but he was still listening to it on the far north side of Chicago! The ungrounded coaxial cable and the long power lines were acting as very effective broadcast band antennas! We reconnected the ground on the coaxial cable the next morning. It was never removed again!

So, RPL had its debut for real back in the 1950s. No need to wait for April 2006!

~de Rich Stiebel, W6APZ



THE PAARA WISH LIST.

PAARA has retained the services of Bruce Parsons, a professional grant proposal writer to assist our radio club in submitting a request for funding of a new, modern, completely equipped communications trailer. This vehicle would be used for Field Day and other club events or joint communication exercises with some Government agencies.

Part of our rather detailed request is a complete listing of the various equipment we would want in this new communications trailer. Therefore, PAARA would like your input regarding specifics, such as radios; computers; towers; antennas; generators or other devices that would make the trailer totally self sufficient and portable. Kindly allow your imagination to run wild and submit your written ideas or suggestions directly to the PAARA Secretary.

Please remember that we are not seeking the usual perverted ideas about hot and cold running beverage servers. Your ideas and suggestions should include advanced, specific communications modes which may include multi path / multi mode digital video; satellite or other newer forms of radio communication. I believe that what we are looking for here is the ability to list and describe the latest and greatest in technology.

This grant request is something brand new for PAARA, so we want to be able to submit it properly and describe how this equipment will benefit our community not only in the event of an emergency, but also for regular communications practice. We will entertain any legitimate and constructive suggestion as we want our submission to be clear and specific. Please do not hesitate to discuss your thoughts on this project with any Board member.

~Terry Finn. AF6TF.

From: Phil Stripling <philip@civex.com>

Date: April 17, 2005 141351 PDT

To: Phil Henderson <kf6zsq@yahoo.com>, Jon Mosby <jonmosby@astreet.com>

Subject: Tour de Cure on May 22

Phil & Jon,

Please put the word out to PAARA, SPECS, and whoever else you can think of that we need radio operators at the Peninsula Tour de Cure, a bike race to raise funds to prevent and cure diabetes, on May 22, 2005. Depending on their locations, hams need to begin at about 7:00 to about 9:00 am, and they finish from noon to 3:30 or so. More information is at

<http://www.civex.com/tour>

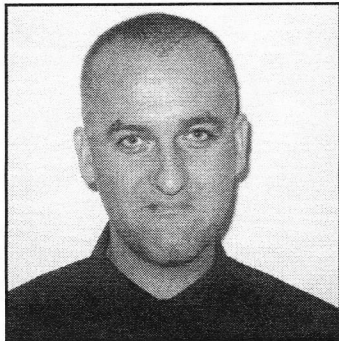
Phil

Phil Stripling

The Civilized Explorer

<http://www.cieux.com/>

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Hi,
 I had a very nice day today at HRO, spent a couple of hours there, and I met very nice people who welcomed me. This is what real ham-spirit is. Very nice! My name is Uli Dumschat and I just arrived from Germany. I am in SF and Portland a couple of times per year. Today I met Terry and Andreas, and both invited me for a membership at your club. And I am happy to do that. :-)

Attached is an actual photo, that's what Terry told me I should send to you for the next PAARAgaphs newsletter. I realized that Terry made some notes while I chatted with him, who I am and what I am doing.

Hi Terry, see below the bio, that's for you. Please feel free to edit the text if there are some language bugs... :-)

Here also my full address, just the case:

Uli Dumschat E-mail: dl2bat@darc.de
 Alte! Steige 30 phone: +49-7345-237692
 89129 Langenau cell: +49-172-7263640
 Germany

My name is Uli and I live in Ulm / South Germany. Ulm is the city where Albert Einstein was born 125 years ago (we had Einstein anniversary this year). That's a nice small town at the Danube river (150,000 inhabitants) between Munich and Stuttgart. I started as a ham in 1980 and have a top class license (class 1 in Germany). I like CW, shortwave - mainly DX. At that time I started to build some nice toys for the hobby, tube power amps for VHF, morse keyers, etc.

I joined the German Navy in 1983 as a radio operator on board. So CW and everything around communication in sea was my job for 4 years. After that time I studied electronics and computer science. In 1989 I started to experiment with Packet Radio till the mid 1990. My first job was in the parallel computing ! area (Transputers, parallel DSPs for embedded systems). During that time I haven't had that much time for radio amateur activities. Since 2001 I am with Intel, and that's the main reason why I am travelling a lot. My counterparts are in Santa Clara and Portland/Oregon. At Intel I am in the tools business (Tools Product Marketing - Compilers and Debuggers for the new Intel XScale Microarchitecture used in handhelds and smartphones).

Just 3 weeks ago I discovered my old hobby again - to be a ham. I live in an old castle with an old 1000 years old tower which has an excellent exposition for our hobby. This is another reason to build up some antennas and to reanimate my old transceivers (FT-757GX). My interest is in CW and in general communication with people. With the membership in the PAARA I would like to build a network and make some new friends.

Thanks and best regards
 -uli (DL2BAT)



BOARD OF DIRECTORS MEETING.

April 6, 2005

The PAARA Board of Directors meeting was held at the Palo Alto Red Cross bldg. Construction work for next door transportation center was still limiting the parking availability. The meeting started at 19:25 hours.

In attendance were:

President: **Terry Finn AF6TF**

Vice President: **Peter Sheerin K6WEB**

Secretary: **Adrianus Schrauwen W6AJS**

Treasurer: **Ron Chester W6AZ**

Boardmembers: **Andreas Junge N6NU, Gerry Tucker N6NV, Kristen McIntyre K6WX, Bob Korte KD6KYT and Rolf Klibo N6NFI**

Membership: **Vic Black AB6SO**

Badge Coordinator: **Dough Teter KG6LWE**

PAARAgaphs Editor: **Wally Porter K6URO**

Invited visitor: Bruce Parsons, a grant writer.

Adrianus Schrauwen reported there is a quorum for this meeting. Last month's minutes were approved as read.

Ron Chester reported on the status of club finances.

OLD BUSINESS:

Bylaws revisions: There was no action taken by the "Bylaws revision Committee". Miscellaneous old documents were found and will be studied for updates..

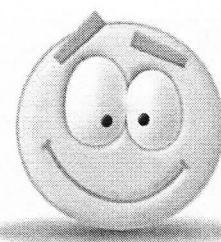
Field day: **Gerry Tucker, Ron Chester, Vic Black and Dough Teter** will meet again to coordinate. to finalize plans for the field day. Discussions about Food catering and logistics followed.

NEW BUSINESS:

Terry Finn has invited Bruce Parsons to explain about possibilities of obtaining a grant for PAARA. Details of his talk are elsewhere in this issue.

The meeting was adjourned at 21:15 hours

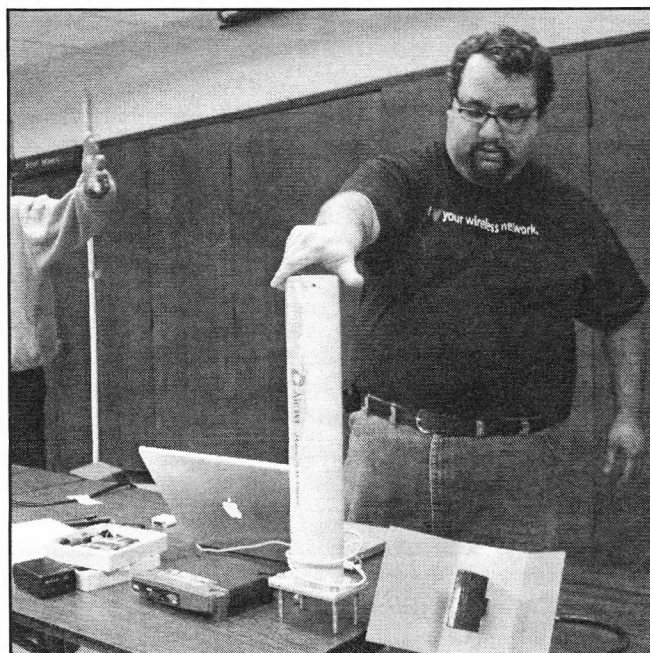
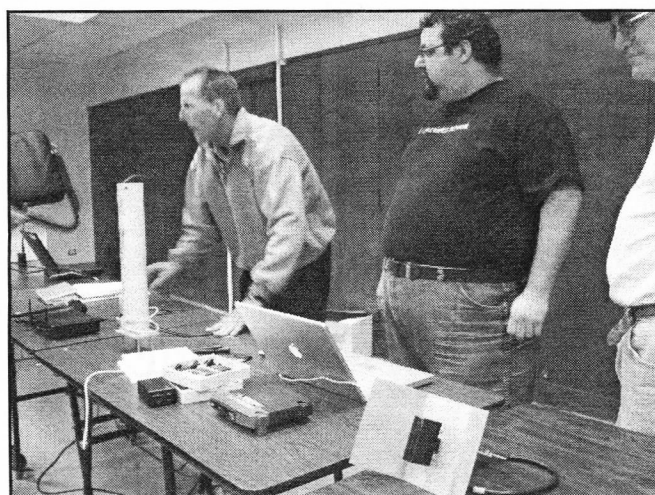
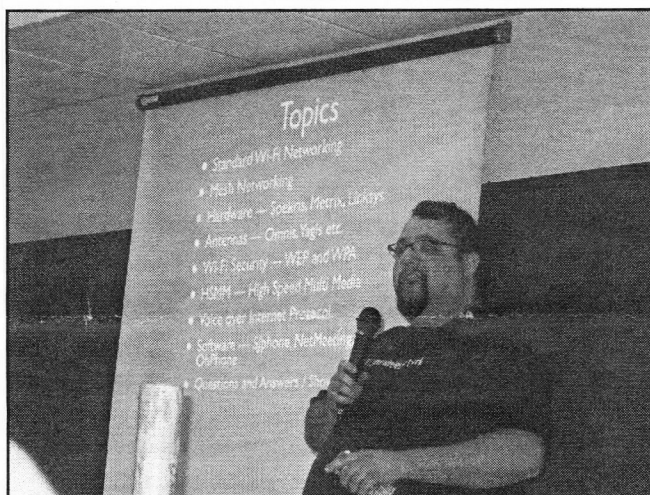
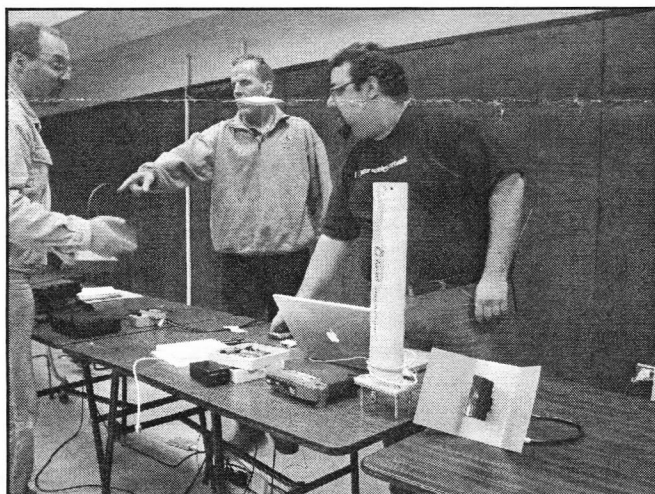
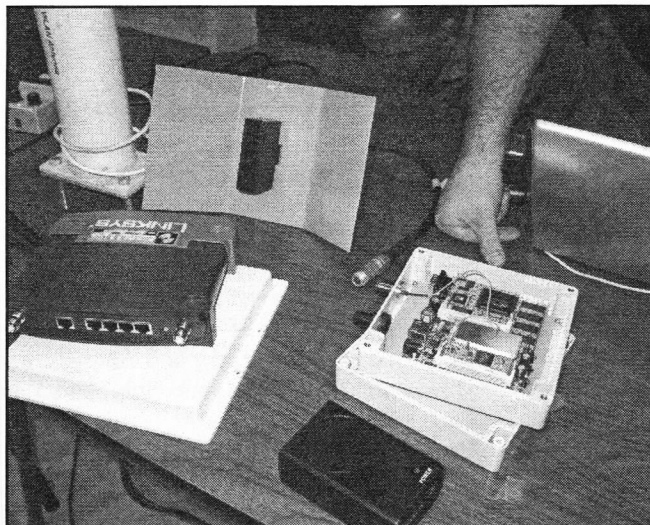
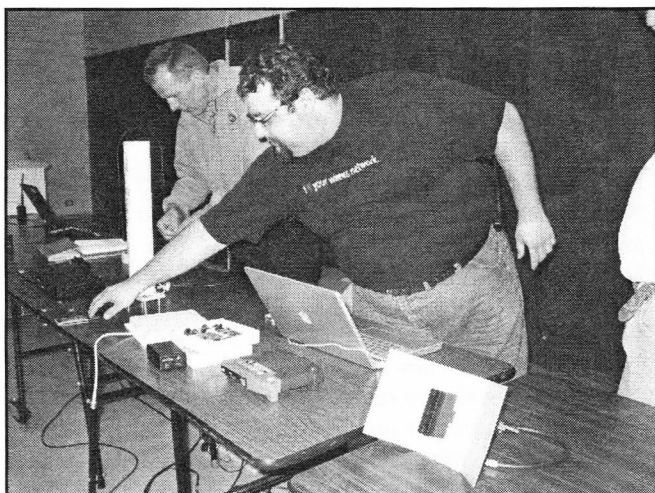
*Respectfully submitted by PAARA Secretary
 Adrianus Schrauwen W6AJS*



★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★
 ★ **LIFE MEMBERSHIP** ★
 ★ Awarded by Action of the PAARA Board ★
 ★ *Ron Panton, W6VG July 2003* ★
 ★ *Joe Gomes, KB6HDC May 2004* ★
 ★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★

PAARAgaphs—May 2005
 Celebrating 68 years as an active ham radio club—Since 1937

Mark Cohen KR1PTO
 Lecture:
High-Speed Multi-Media (HSMM)
 the use of 2.4GHz
 April Meeting



Photos ~Steve Brune,KG6OUB

PAARAgaphs—May 2005
 Celebrating 68 years as an *active* ham radio club—Since 1937

PAARA

May 6th Meeting and Raffle

PAARA “The Friendliest Club Around”

Palo Alto Amateur Radio Association, Inc. www.paara.org

Date and Time: Friday, May 6th, at 7:30 p.m.

Location: Menlo Park Rec. Center, 700 Alma St., Menlo Park, CA.

Welcome Members and Visitors / Raffle Prizes:

FIRST PRIZE:

Heil Clear Speech DSP Speaker, #1 New Product / “2-14 dB Noise Reduction”

SECOND PRIZE: Yaesu VX-150 / 2m / 5W / HT

THIRD PRIZE: Grundig FR-200 AM/FM/SW Emergency Radio

FOURTH PRIZE: MFJ Magnet Mount 144 /440 MHz Antenna

FIFTH PRIZE: GE/Sanyo - Ni-MH / Ni-Cd Battery Charger with 4 Ni-MH Batteries

SIXTH PRIZE: 1,000,000 Candle Power Spotlight with Battery / Home & Auto Charger

SEVENTH PRIZE: ARRL 2005-2006 Repeater Directory

EIGHT PRIZE: Bull Frog Electronic Cleaner and Corrosion Blocker Spray

NINTH PRIZE: 1-year Subscription to World Radio

**Since February 2003, 64 Radios,
 including**

**a YAESU FT-847, an ICOM 706 MK IIG, and Two Elecraft KX1's
 have gone to Fellow Hams.**

Enjoy our fabulous speakers, free refreshments, chatting with your friends,
 and the chance to take home an unbelievable prize.

See you at Round Table after the meeting!

Contact Kyle, KG6MSK and Ian, K6IAN, “Two of PAARA’s youngest members” for tickets at the meeting.

Special Thanks to Bob, Howard, Mark, Rick, and everyone at HRO for their continued SUPPORT!

~K6AK Jim

Congratulations: April 1st 2005 Raffle Prize Winners

- 1st Prize: Steve Brune KD6OUP / Alinco DJ-C7T 144 /430 MHz FM Dual Band HT →→
- 2nd Prize: Dave Platt AD6EO / Icom IC-V8 2m / 5.5W / HT
- 3rd Prize: Bruce Homer NN7BH / Heil "The Traveler" Headset / Boom Mic / & Cable
- 4th Prize: Joel Willhite KD6W / Power Panel UPS / AC to Battery Switcher
- 5th Prize: John Eisenberg K6YP / Powerex Travel Charger with four NiMH batteries
- 6th Prize: Rob Goodson N2RAG / ARRL 2005 Handbook with CD
- 7th Prize: Jim Tyranski KG6UDW / SMA Dual Band Flexible HT Antenna
- 8th Prize: Seth Mallory KF6UZX / 1 year subscription to World Radio



PAARA Members and Visitors: THANK YOU FOR YOUR SUPPORT of the exciting monthly raffles. PAARA is having a remarkable year in 2005! If you aren't a member, please join PAARA now, and experience fun 2005 events with the “friendliest club around.”

~K6AK Jim

PAARAgaphs—May 2005
 Celebrating 68 years as an active ham radio club—Since 1937

TRUCKS FOR SALE.

One 1932 Ford model BB, 1 and one half ton, dual rear wheel, four cylinder model C engine drivable truck. Requires aesthetic restoration of cab interior and a box or bed for the rear.

One 1932 Ford model BB, 1 and on half ton, dual rear wheel, eight cylinder engine, van style, drivable truck. Complete restoration almost finished with new wood, rubber, glass and interior.

Both vehicles have clean California titles and historical license plates and the ownership history is known. Both are located in Redwood City and available for inspection by request. These are the perfect advertising platforms, parade vehicles, mobile ham stations or items for your collection.

Contact: Terry Finn. AF6TF. 650-366-9111.

HAM FEST

at

ANGELINO'S RESTAURANT

3132 Williams Road, at Winchester Blvd.

2:00 PM

Second Sunday each month, starting April 10.

www.Angelinosrest.com

PAARA BADGES

To order one, contact our Badge Coordinator:

Doug Teter, KG6LWE

dteter@wewi.com

PAARA Radio NET

and Swap Session
 every Monday evening
 8:30pm local time

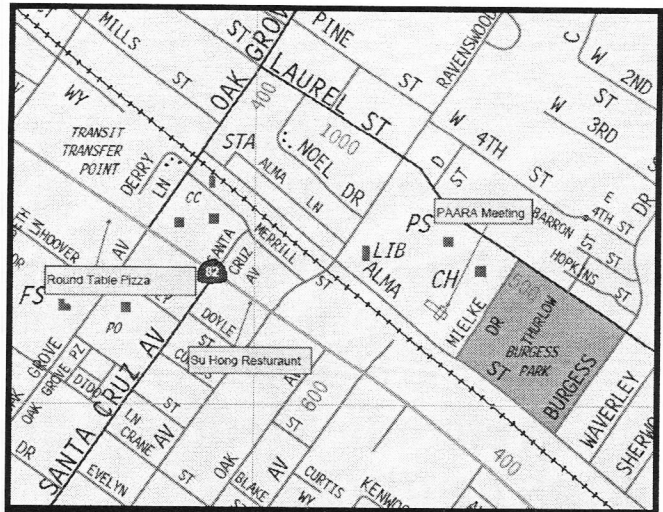
on the

145.230 –600 MHz repeater

PL tone off

control operators:

Week	Operator
1 st Mon.	Pink Foster, KG6ILA
2 nd Mon.	Peter Sheerin, K6WEB
3 rd Mon.	Peter Sheerin, K6WEB
4 th Mon.	Bill Rausch, AA6PA
5 th Mon.	Volunteer!



Directions to PAARA meeting:

<http://paara.org/meetings/>

Palo Alto Amateur Radio Association

P.O. Box 911, Menlo Park, California 94026-0911

Club meetings are on the first Friday of each month, 7:30pm at the Menlo Park Rec Center, 700 Alma Street, Menlo Park, CA.

Radio NET & Swap Session every Monday evening, at 8:30pm, on the 145.230 –600 MHz repeater, PL tone off.

Membership in PAARA is \$18.00 per calendar year, which includes one subscription to PAARAgaphs \$6 for each additional family member (no newsletter).

Make payment to the Palo Alto Amateur Radio Association, P.O. Box 911, Menlo Park, CA 94026-0911

Permission is granted to reprint from this publication with appropriate source credit.

Join us for pre-meeting eyeball

QSO

May 6th

gab & gobble




Food will be served at 6:00 sharp, so guests will be on time for the PAARA meeting. Those arriving late will be responsible for their own food order.

6 pm—at Su Hong Restaurant
1039 El Camino Real
Menlo Park

across from Kepler's Book Store
on El Camino Real
Walking distance from Caltrain!



PAARAgaphs—May 2005
 Celebrating 68 years as an *active* ham radio club—Since 1937



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A SMALL CHURCH WITH A BIG HEART



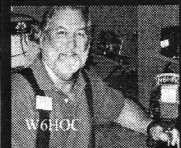
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**Want and For Sale ads in PAARAgaphs
 are FREE to members**




Howard at HRO says: "HAM accessories and gift certificates are available at HRO. Congratulations to PAARA on a successful year."




PowerFlare® safety lights:
 Ultra-rugged 360 degree LED beacon
 for your emergency kit, car, home ...
Order on eBay or call 650-322-2476
 (search for "PowerFlare")

David Rice, W6NUC
 Owner



Jefferson Plaza Barber Shop


3125 Jefferson Ave. (650) 599-9664
 Redwood City, CA 94061 No Appointments



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 SAN JOSE — **408-266-2245**


TERRY FINN — AF6TF CA License # 1A38965
 234 Marshall Street, UPSTAIRS #3 Redwood City, CA 94063-1550



Mitchell Cipriano
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467 Reynolds Circle
 San Jose, CA 95112-1119

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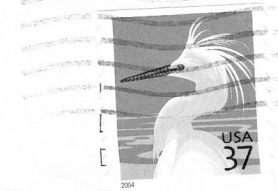
PAARAgaphs Ad Rates

PAARAgaphs accepts paid advertisements from non-members. (short personal ads remain free for members in good standing). All ad rates listed are per issue only.

1. Not-for-profit ads by association members for ham-related items and wants. No cost for business card-size ads (additional space at \$2.50 per business card size).
2. For Profit organizations and/or individuals: \$5-business card size, \$25-half page, \$50 full page or back cover.

These fees may be reduced or waived in exchange for a valuable consideration that is given to the Association or its general membership. Such consideration must be in addition to any existing arrangements with the association. The PAARAgaphs editors reserve the right to reject any ad deemed to be not in the best interest of the Association.

All fees payable in advance by the year with "scanner-ready" copy or text-only ads. Give payment and copy to Terry Finn, AF6TF



Palo Alto Amateur Radio Association, Inc.
 PAARagraphs Newsletter
 P.O. Box 911
 Menlo Park, California 94026

FIRST CLASS MAIL

May Program:

Neil Hays, W6FOG

Amateur Radio at Sea


 Korsak, Andy KR6DD
 504 Lakemead Way
 Emerald Hills, CA 94062-3919

340623919 27

Sunnyvale, 510 Lawrence Exp. #102 (408) 854-6046

12 STORE BUYING POWER



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WORLDWIDE DISTRIBUTION

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TH-D7AG 2W/40

- 28kHz Dual Band
- 800MHz VFO
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- 100 Channels
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TH-D7AG 2W/40

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- 200 Power Output
- 100 Channels
- 200 Memory
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Low Pricing!

IC-706MKIIIG 147Watt Transceiver

- 147Watt Power Output
- 100 Channels
- 200 Memory
- 100 Preset Channels

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IC-706MKIIIG 147Watt Transceiver

- 147Watt Power Output
- 100 Channels
- 200 Memory
- 100 Preset Channels

Low Pricing!

IC-756 PRO II All mode Transceiver

- 100Watt Power Output
- 100 Channels
- 200 Memory
- 100 Preset Channels

Low Pricing!

IC-756 PRO II All mode Transceiver

- 100Watt Power Output
- 100 Channels
- 200 Memory
- 100 Preset Channels

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- 100 Preset Channels

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 Mark, W17YN, Mgr.
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